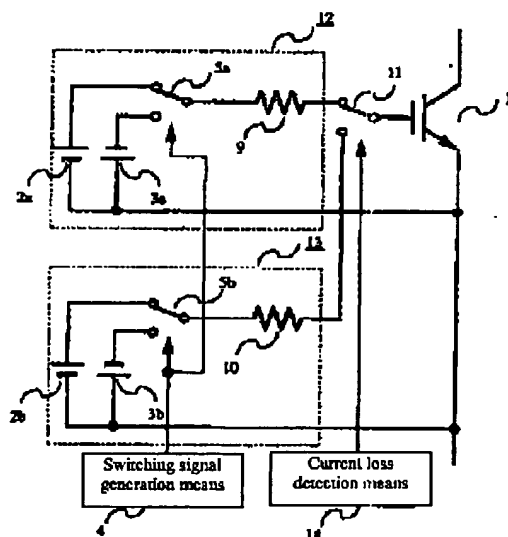


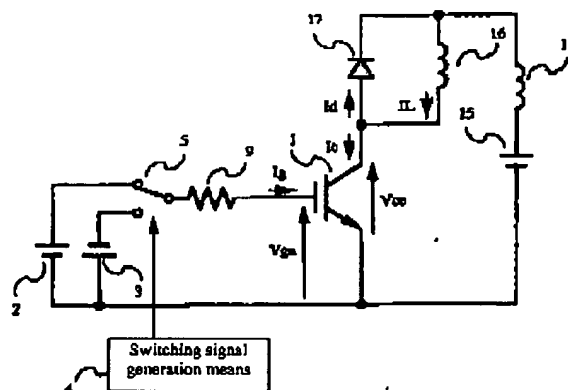
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<Figure 1>



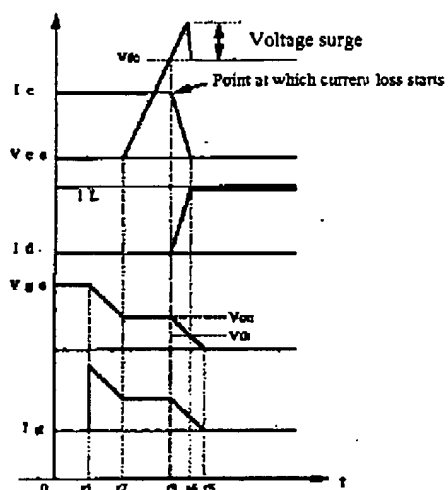
- 1: IGBT element
- 2a: First ON DC voltage supply
- 2b: Second ON DC voltage supply
- 3a: First OFF DC voltage supply
- 3b: Second OFF DC voltage supply
- 4: Switching signal generation means
- 5a: First on/off switching means
- 5b: Second on/off switching means
- 9: First resistor
- 10: Second resistor
- 11: Switching means
- 12: First drive means
- 13: Second drive means
- 14: Current loss detection means

<Figure 2>

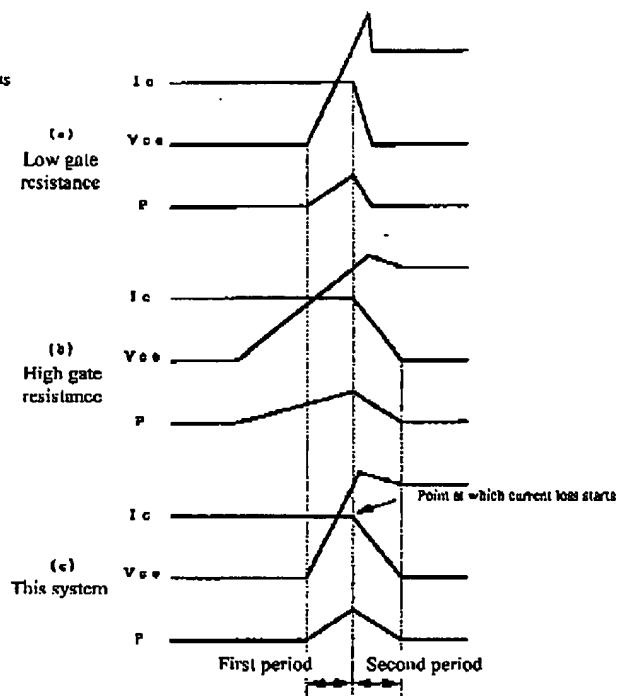


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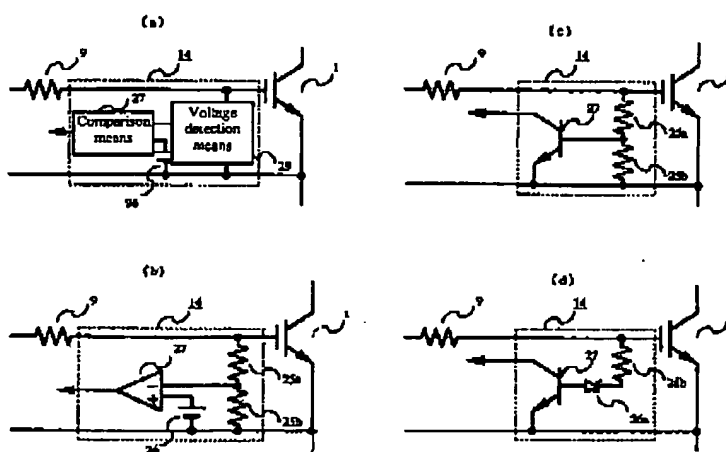
<Figure 3>



<Figure 4>

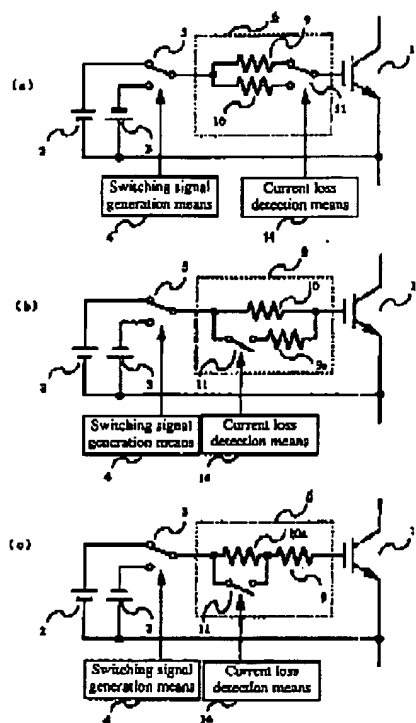


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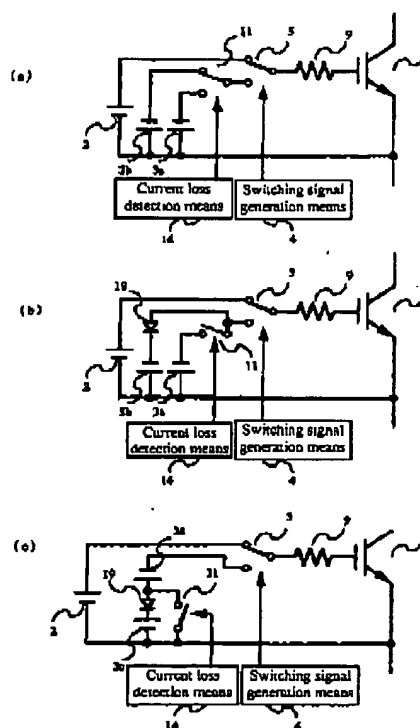


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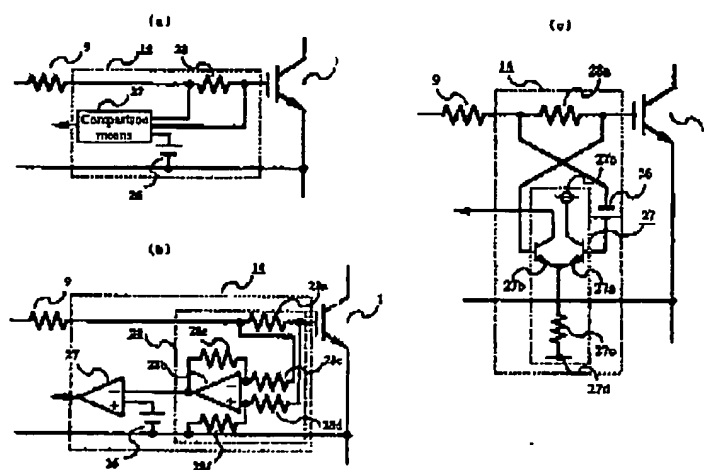
<Figure 5>



<Figure 6>

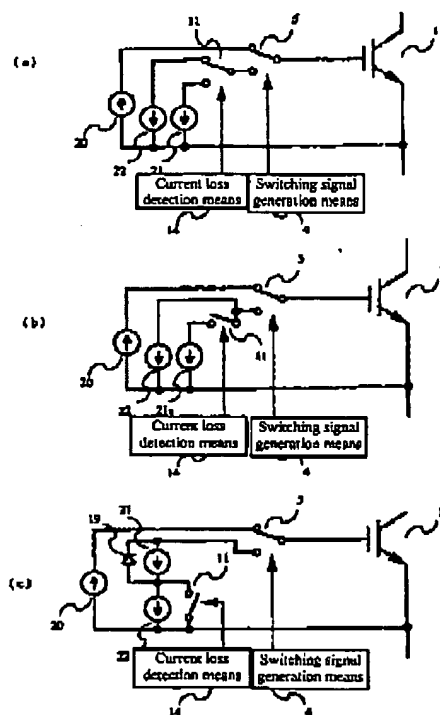


<Figure 11>

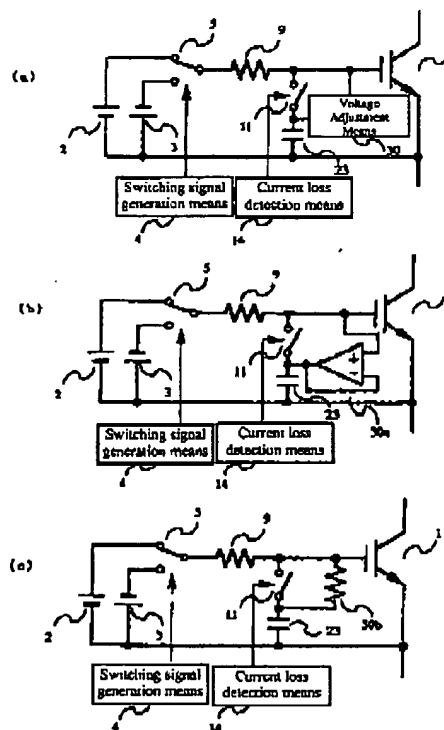


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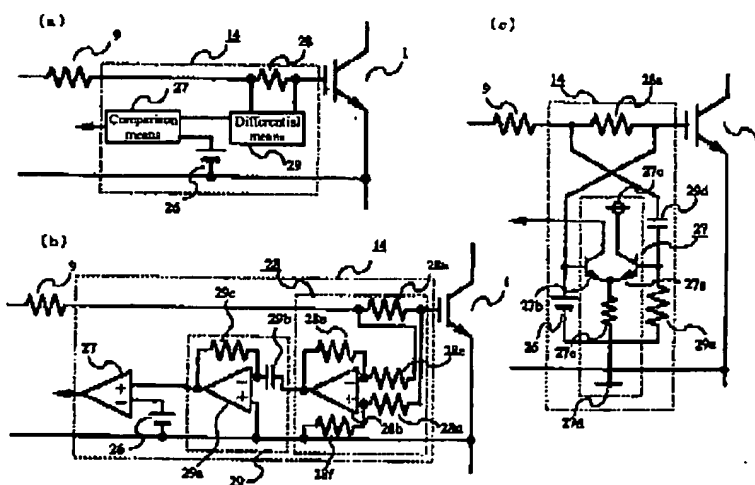
<Figure 7>



<Figure 8>

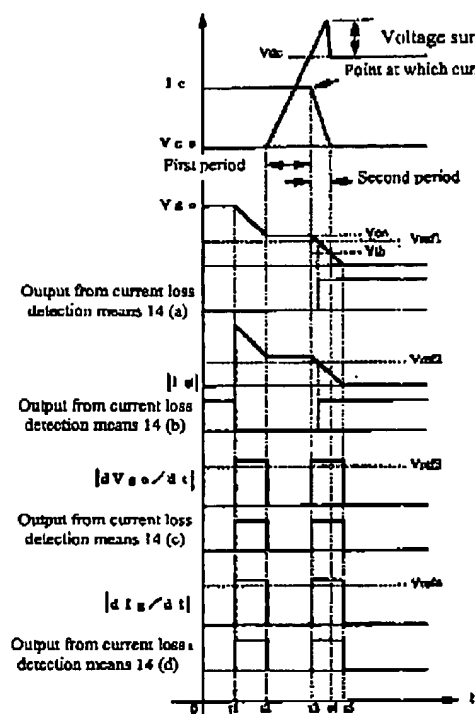


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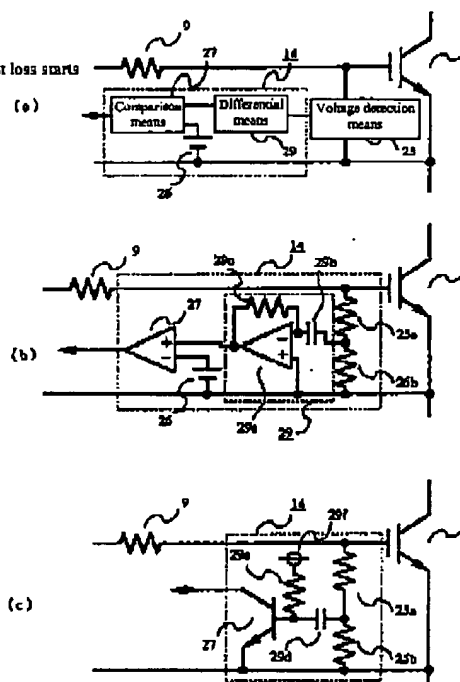


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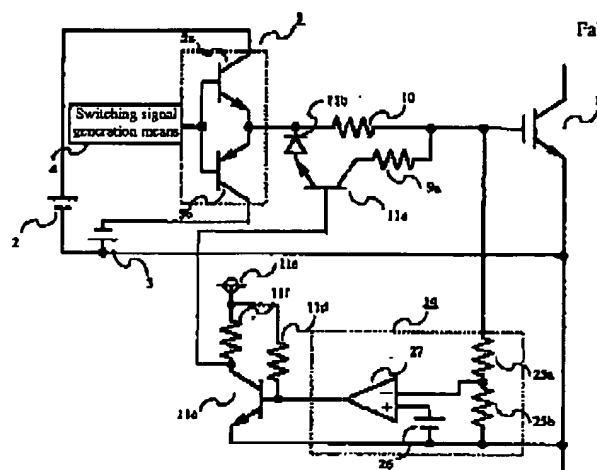
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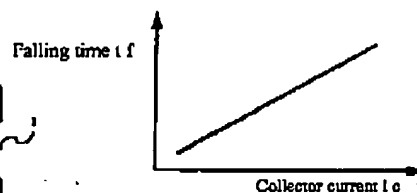
<Figure 12>



<Figure 14>

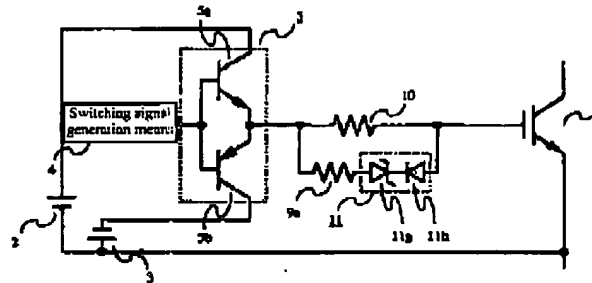


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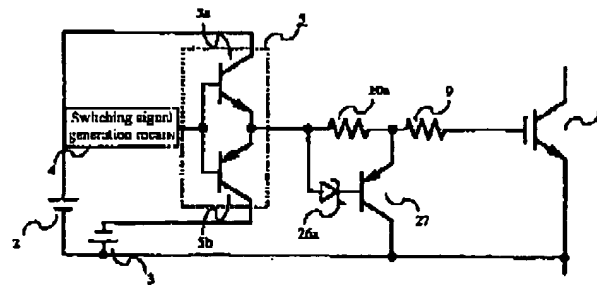


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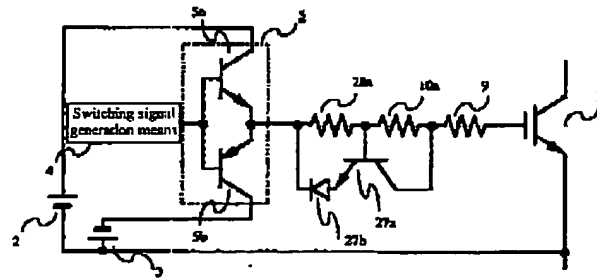
<Figure 15>



<Figure 16>

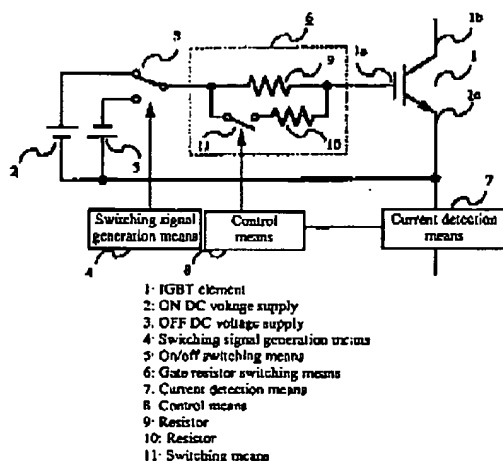


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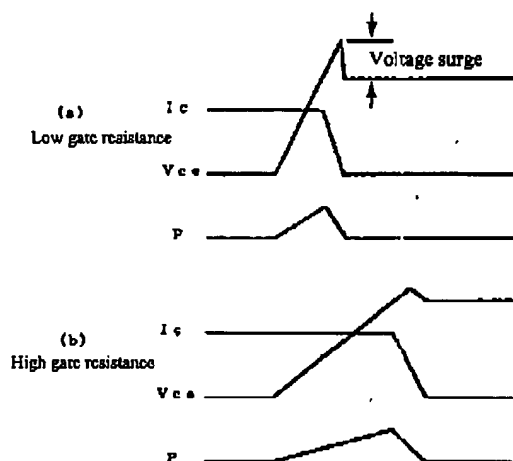


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<Figure 18>



<Figure 20>



<Figure 19>

